

ABSTRACT

The invention discloses an intermetallic material consisting of the following composition (% by weight): 8-15% Al, 15-25% Cr, 20-40% Co, 0-5% Ta, 0-0.03% La, 0-0.5% Y, 0-1.5% Si, 0-1% Hf, 0-0.2% Zr, 0-0.2% B, 0-0.1% C, 0-4% Fe, remainder Ni and inevitable impurities. The invention also describes its use as a layer protecting against high temperatures and at locations of thermal turbomachines which are subject to friction or vibration.

(Fig. 1)